

April 11, 2016 10:41:29 AM

Page 1

Accept

Setup Start *NS1*

Stop *NS2*

*** 1 ***

Cust Item ID:

Start Date: 4/11/2016 **Start Qty:** 1.00 ***1***

Required Date: 4/11/2016 **Req'd Qty:** 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: 24 Date: 20160417 Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
-----------------	---------------------

IIN-D350-689

.00

100

DC

Doc.Control -USB or Paperwork

Document Control

DOCUMENT CONTROL

0.00

Memo

0.00

Photocopy bluefile and create labels per PPP D350-689-017 CHG001

110

Pick Kit

0.00

110

Packaging

Packaging

Memo

0.00

120

QC4- 100% Inspect kits for completeness

0.00

120

OC

Quality Control

Memo

0.00

2
DAS APR 11 2016
28
9-89

XD 27
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : ☐							
Misidentified ☐	Past Due ☐								

Work Order ID 144272

April 11, 2016 10:41:29 AM

144272

Page 2

Item ID: D350-689-017

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Shoulder Harness 4 Point Inertia Reel

Stop

NS2Start Date: 4/11/2016 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 4/11/2016 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

NR1

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00				CAS 27 9-89			
130	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D350-689-017 Location: FG029								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

APR 11 2016

APR 11 2016

SH 20160411

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
						QC / QA Coordinator Approval			
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : ☐							
Misidentified ☐	Past Due ☐								

Picklist Print

April 11, 2016 10:41:34 AM

Page 1

Work Order ID: 144272

144272

Parent Item: D350-689-017

D350-689-017

Parent Item Name: Shoulder Harness 4 Point Inertia Reel

Start Date: 4/11/2016

Required Date: 4/11/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A new issue DD 10.04.23 verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN5-4A *AN5-4A* Bolt		Purchased	No			110	Each	55.0000	2	24			
									**			DAS 6 9-89	DAS 28 9-89
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST339			55		4			
					M128403			5					
					M133932			50					
D4071-041 *D4071-041* Shoulder Harness Assembly		Manufactured	No			110	Each	8.0000	2	24			
									**			DAS 6 9-89	DAS 28 9-89
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST464			8		4			
					140012			4					
					140527			4					
MS21042L5 *MS21042L5* Nut		Purchased	No			110	Each	458.0000	2	24			
									**			DAS 6 9-89	DAS 28 9-89
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					GA			136					
					m127813			136					
					ST303			322		4			
					m134055			72					
					m134567			250					

APR 11 2016

Picklist Print

April 11, 2016 10:41:34 AM

Page 2

Work Order ID: 144272

144272

Parent Item: D350-689-017

D350-689-017

Parent Item Name: Shoulder Harness 4 Point Inertia Reel

Start Date: 4/11/2016

Required Date: 4/11/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0516J

Purchased

No

110

Each

183.0000

4

8

NAS1149D0516.J

Washer

**

DAS

6

9-89

DAS

28

9-89

Location

Loc Qty

Loc Code

ST264

183

M129706

183

8

DAS
27
9-89

APR 11 2016

6.0 PARTS LIST (OPTIONAL KITS)

Qty -015	Qty -017	Qty -031	Part Number	Description
X			D350-689-015	SEAT MODIFICATION KIT
	X		D350-689-017	SHOULDER HARNESS KIT
		X	D350-689-031	ARMREST KIT
		1	D2199-31	STRUT
2			D3029-1	SPRING
2			D3030-1	LOCK
1			D3033-1	SEAT TRACK
4			D3059-1	STUD
4			D3060-1	BUSHING
4			D3061-1	RADIUS BLOCK
	2		D4071-041	SHOULDER HARNESS ASSY
		1	D4671-1	ARMREST CUSHION
		1	D5159-041	SEAT BACK BRACE ASSY
		1	D5159-043	SEAT BACK BRACE ASSY
		1	D5159-045	SEAT RIB ASSY
		1	D5189-041	TUBE ASSY
		1	D5189-043	ARMREST ASSY
			AN3-12A	BOLT
		1	AN4-4A	BOLT
		1	AN4-6A	BOLT
		1	AN4-10A	BOLT
		2	AN4-14A	BOLT
		1	AN4-17A	BOLT
	2		AN5-4A	BOLT
		1	AN970-4	WASHER
		4	MS20600AD4W4	BLIND RIVET
		8	MS20600AD4W5	BLIND RIVET
		10	MS21042L3	NUT (OR MS21042-3)
		8	MS21042L4	NUT (OR MS21042-4)
4	2		MS21042L5	NUT (OR MS21042-5)
4			MS21059L3	NUTPLATE
1			MS24693-S273	SCREW
3			MS27039-1-10	SCREW
		1	MS27039-1-17	SCREW
		3	MS27039-1-18	SCREW
		4	MS27039-1-19	SCREW
		2	MS27039-1-20	SCREW
		4	MS27039-4-20	SCREW
		2	MS27039-4-22	SCREW
		4	MS27039-4-21	SCREW
		20	NAS1149D0332J	WASHER (OR AN960JD10L)
		17	NAS1149D0432J	WASHER (OR AN960JD416)
	4		NAS1149D0516J	WASHER (OR AN960JD516L)
4			NAS1149D0563J	WASHER (OR AN960JD516)
		2	NAS43DD4-16FC	SPACER